

**MONTANA STATE AVIATION SYSTEM PLAN  
1995 UPDATE  
FIELD INSPECTION FORM**

AIRPORT:	DILLON (DLN)	AIRPORT REFERENCE CODE:	B-II (SM)
CITY:	DILLON	APPROACH TYPE:	NPI
CONTACT:	CECIL JONES	DATE INVENTORIED:	12-24-95
PHONE #:	683-6151	INSPECTED BY:	RSD

	REQUIRED	ACTUAL	ALP	CONFORM
<b>RUNWAY 16/34 INVENTORY</b>				
DISTANCE TO:				
HOLD LINES FROM CENTERLINE:	125'	150'		✓
PARALLEL TAXIWAY FROM CENTERLINE:	240'	240'		✓
AIRCRAFT PARKING FROM CENTERLINE:	250'	275'		✓
RUNWAY WIDTH:	75'	75'		✓
RUNWAY LENGTH:	6,430'		6,500'	✓
RUNWAY SAFETY AREA (RSA) WIDTH:	150'	OK		✓
RUNWAY OBJECT FREE AREA (OFA) WIDTH:	500'	(1) - (5)		NO
PRIMARY / TRANSITION SURFACE PENETRATIONS:	500' W & 7:1	(2) - (6)		NO
LONGITUDINAL GRADE - SITE DIST. PROBLEMS:				✓
OBSTACLE FREE ZONE ANALYSIS:	250' WIDE x 200' BEYOND			✓
PAVEMENT EDGE LIP HEIGHT (MIN AND MAX):	1.5" - 3"	(7)		NO
PAVEMENT MARKING TYPE:	NPI	BASIC W/ FIXED DIST.		NO
PAVEMENT MARKING CONDITION:		POOR		N/A
<b>RUNWAY 16 END INVENTORY</b>				
SAFETY AREA (RSA) BEYOND RUNWAY END:	300'	OK		✓
OBJECT FREE AREA (OFA) BEYOND RUNWAY END:	300'	OK		✓
APPROACH OBSTRUCTIONS:	20:1	NONE		✓
RUNWAY END ELEVATION:			5,153.0	N/A
<b>RUNWAY 34 END INVENTORY</b>				
SAFETY AREA (RSA) BEYOND RUNWAY END:	300'	OK		✓
OBJECT FREE AREA (OFA) BEYOND RUNWAY END:	300'	(4)		NO
APPROACH OBSTRUCTIONS:	20:1	NONE		✓
RUNWAY END ELEVATION:			5,241.0	N/A
<b>RUNWAY LIGHTING INVENTORY</b>				
DISTANCE FROM PAVEMENT EDGE:	10'	10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	200'	OK		✓
TYPE:	MIRL - STAKE MOUNTED - ADB-ALNACO			N/A
CONDITION:		GOOD (8)		N/A
COLOR:	WHITE	WHITE		✓
<b>THRESHOLD 16</b>				
DISTANCE FROM PAVEMENT EDGE:	10'	10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	10'	10		✓
COLOR:	RED/GREEN	RED/GREEN		✓
<b>THRESHOLD 34</b>				
DISTANCE FROM PAVEMENT EDGE:	10'	10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	10'	10'		✓
COLOR:	RED/GREEN	RED/GREEN		✓

**COMMENTS:**

- (1) FENCE AND ROAD IN OFA EAST OF 16 END , 150' OFF CL, BUT ~12' BELOW RNWY GRADE
- (2) NON FRANGIBLE SIGN ~155' W. OF CL ON 16 END TURNAROUND IN OFA AND PRIMARY SURFACE
- (3) FENCE FROM (1) WHERE IT GOES UP&OVER TRANSVERSE ROAD, 2-3' HIGHER THAN R/W IN OFA & PRIMARY SURFACE
- (4) PILE OF MATERIAL 200' FROM 34 END ~210' W. OF CL, ~2' HIGHER THAN RNWY, IN OFA AND PRIMARY SURFACE
- (5) WIND TEE IN OFA AND PRIMARY SURFACE, APPROX 235' E. OF CL
- (6) WIND CONE ON 16 END AND AND BEACON VERY CLOSE TO BEING IN TRANSITIONAL SURFACE
- (7) PAVEMENT ON MOST RECENT EXTENSION OF RNWY 16 @ 1"+, REMAINING RUNWAY FLUSH
- (8) MISSING LIGHT NEAR APRON TAXIWAY ON E. SIDE OF 16/34

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	REQUIRED	ACTUAL	ALP	CONFORM
<b>RUNWAY 3/21 INVENTORY</b>				
DISTANCE TO:				
HOLD LINES FROM CENTERLINE:	125'	125'		✓
PARALLEL TAXIWAY FROM CENTERLINE:	150'	N/A		N/A
AIRCRAFT PARKING FROM CENTERLINE:	125'	200'		✓
RUNWAY WIDTH:	60'	60'		✓
RUNWAY LENGTH:	6,430 (1)		3,600'	<75%
RUNWAY SAFETY AREA (RSA) WIDTH:	120'	OK		✓
RUNWAY OBJECT FREE AREA (OFA) WIDTH:	250'	OK		✓
PRIMARY / TRANSITION SURFACE PENETRATIONS:	250' W & 7:1	OK		✓
LONGITUDINAL GRADE - SITE DIST. PROBLEMS:		OK		✓
OBSTACLE FREE ZONE ANALYSIS:	250' WIDE x 200' BEYOND			✓
PAVEMENT EDGE LIP HEIGHT (MIN AND MAX):	1.5" - 3"	FLUSH		NO
PAVEMENT MARKING TYPE:	BASIC	BASIC		✓
PAVEMENT MARKING CONDITION:		POOR		N/A
<b>RUNWAY 3 END INVENTORY</b>				
SAFETY AREA (RSA) BEYOND RUNWAY END:	240'	OK		✓
OBJECT FREE AREA (OFA) BEYOND RUNWAY END:	240'	(2)		NO
APPROACH OBSTRUCTIONS:	20:1	NONE		✓
RUNWAY END ELEVATION:			5,217.6	N/A
<b>RUNWAY 21 END INVENTORY</b>				
SAFETY AREA (RSA) BEYOND RUNWAY END:	240'	OK		✓
OBJECT FREE AREA (OFA) BEYOND RUNWAY END:	240'	OK		✓
APPROACH OBSTRUCTIONS:	20:1	NONE		✓
RUNWAY END ELEVATION:			5,223.1	N/A
<b>RUNWAY LIGHTING INVENTORY</b>				
DISTANCE FROM PAVEMENT EDGE:	10'	10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	200'	OK		✓
TYPE:	MIRL - STAKE MOUNTED - ADB-ALNACO			N/A
CONDITION:		GOOD (3)		N/A
COLOR:	WHITE	WHITE		✓
<b>THRESHOLD 3</b>				
DISTANCE FROM PAVEMENT EDGE:	10'	10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	10'	10		✓
COLOR:	RED/GREEN	RED/GREEN		✓
<b>THRESHOLD 21</b>				
DISTANCE FROM PAVEMENT EDGE:	10'	10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	10'	10'		✓
COLOR:	RED/GREEN	RED/GREEN		✓

**COMMENTS:**

- (1) R/W LENGTH OF 4,610' FOR 75%, 6,320' FOR 95% AND 6,420' FOR 100% COVERAGE; ALP ULT OF 5,200' SHOWN  
(80% OF PRIMARY RUNWAY LENGTH IS 5,200' - DOES NOT COMPLY)
- (2) APPROXIMATELY 70'-80' OF FENCELINE AND VORTAC ACCESS ROAD IN WEST CORNER OF OFA
- (3) MISSING END LIGHT ON RNWY END 3 AND ONE MISSING RUNWAY LIGHT ON SOUTH SIDE

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	REQUIRED	ACTUAL	ALP	CONFORM
<b>TAXIWAY INVENTORY</b>				
TAXIWAY WIDTH:	35'	35'		✓
TAXIWAY SAFETY AREA WIDTH:	79'	OK		✓
TAXIWAY OBJECT FREE AREA WIDTH:	131'	OK		✓
DIST. FROM CENTERLINE TO FIXED OR MOVEABLE OBJ.	65.5'	OK		✓
PAVEMENT EDGE LIP HEIGHT (MIN AND MAX):	1.5" - 3"	FLUSH		NO
PAVEMENT MARKING TYPE:		YELLOW		✓
PAVEMENT MARKING CONDITION:		FAIR (1)		N/A
<b>TAXIWAY LIGHTING INVENTORY</b>				
DISTANCE FROM PAVEMENT EDGE:	10'	(1) 10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	200'	OK		✓
TYPE:		REFLECTORS		✓
CONDITION:		GOOD		N/A
COLOR:	BLUE	BLUE		✓

**MISCELLANEOUS**

TYPE OF BEACON:	60' STEEL TOWER BY ADMINISTRATION BLDG
SIZE OF BEACON:	36"
OTHER LIGHTING AIDS (VASI,PAPI,REIL):	16 & 21 ENDS: ADB ALNACO PAPI, GOOD COND, 50' OFF PVMT EDGE CONTROLLERS ONLY ~4" OFF CONCRETE
WINDCONE (CONDITION & COMPLIANCE):	350' E. OF 16/34 @ MIDFIELD, LIGHTED, 25' HIGH, GOOD COND
SEGMENTED CIRCLE (CONDITION & COMPLIANCE):	METAL PANEL IN FAIR COND
WINDCONE (CONDITION & COMPLIANCE):	16 END NEAR WEST FENCE, NOT LIGHTED, ~325' W. OF CL, NEW, 15' HIGH
SEGMENTED CIRCLE (CONDITION & COMPLIANCE):	NONE
FENCING:	GOOD
SIGNS: (TYPE, CONDITION, PLACEMENT)	FOUR ADB ALNACO, GOOD COND, 15' OFF PVMT EDGE 130' FROM CL

**COMMENTS:**

(1) TAXIWAY EXITING OFF 16/34 IS LIGHTED, ALL OTHERS REFLECTORS

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